## APPENDIX TABLE 3-18 III

## Estimate and median salary of full-time workers with highest degree in S&E field, by race, ethnicity, and occupation: 2015

(Number and dollars)

| Occupation                                    | То         | tal                   | As        | ian                   |        | n Indian or<br>a Native | ВІ      | lack                  | His     | panic                 | Wł        | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | in one race           |
|---|------------|-----------------------|-----------|-----------------------|--------|-------------------------|---------|-----------------------|---------|-----------------------|-----------|-----------------------|--------|-------------------------------|----------|-----------------------|
|   | Number     | Median<br>salary (\$) | Number    | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number    | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Median<br>salary (\$) |
| All occupations                               | 11,555,000 | 75,000                | 1,744,000 | 85,000                | 35,000 | 62,000                  | 748,000 | 55,000                | 991,000 | 59,000                | 7,778,000 | 78,000                | 38,000 | 74,000                        | 222,000  | 61,000                |
| S&E occupations                               | 4,383,000  | 90,000                | 992,000   | 91,000                | 8,000  | 85,000                  | 201,000 | 80,000                | 289,000 | 80,000                | 2,809,000 | 90,000                | 8,000  | 86,000                        | 75,000   | 83,000                |
| Computer and mathematical scientists          | 1,988,000  | 97,000                | 601,000   | 99,000                | S      | S                       | 101,000 | 84,000                | 114,000 | 88,000                | 1,134,000 | 98,000                | 3,000  | 60,000                        | 35,000   | 104,000               |
| Computer and information scientists           | 1,836,000  | 98,000                | 563,000   | 100,000               | S      | S                       | 98,000  | 83,000                | 104,000 | 90,000                | 1,038,000 | 100,000               | 3,000  | 60,000                        | 31,000   | 99,000                |
| Computer and information scientists, research | 45,000     | 90,000                | 15,000    | 86,000                | S      | S                       | S       | S                     | S       | S                     | 27,000    | 99,000                | S      | S                             | S        | S                     |
| Computer network architects                   | 39,000     | 115,000               | 10,000    | 114,000               | S      | S                       | 4,000.0 | 93,000.0              | S       | S                     | 24,000    | 118,000               | S      | S                             | S        | S                     |
| Computer support specialists                  | 120,000    | 60,000                | 17,000    | 60,000                | S      | S                       | 13,000  | 40,000                | 6,000   | 72,000                | 82,000    | 65,000                | S      | S                             | S        | S                     |
| Computer system analysts                      | 205,000    | 87,000                | 67,000    | 88,000                | S      | S                       | 15,000  | 92,000                | 9,000   | 71,000                | 108,000   | 87,000                | S      | S                             | S        | S                     |
| Database administrators                       | 69,000     | 82,000                | 19,000    | 106,000               | S      | S                       | 4,000   | 85,000                | S       | S                     | 43,000    | 70,000                | S      | S                             | S        | S                     |
| Information security analysts                 | 49,000     | 107,000               | 11,000    | 109,000               | S      | S                       | 7,000   | 97,000                | S       | S                     | 23,000    | 113,000               | S      | S                             | S        | S                     |
| Network and computer systems administrators   | 124,000    | 83,000                | 31,000    | 78,000                | S      | S                       | 13,000  | 80,000                | 9,000   | 85,000                | 70,000    | 84,000                | S      | S                             | 1,000    | 70,000                |

| Occupation  | Tot     | tal                   | As      | sian                  |        | n Indian or<br>a Native | В      | ack                   | His    | panic                 | Wł      | hite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | n one rac         |
|---|---------|-----------------------|---------|-----------------------|--------|-------------------------|--------|-----------------------|--------|-----------------------|---------|-----------------------|--------|-------------------------------|----------|-------------------|
|   | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Media<br>salary ( |
| Software developers, applications and systems software      | 455,000 | 103,000               | 163,000 | 100,000               | S      | S                       | 9,000  | 89,000                | 22,000 | 97,000                | 255,000 | 104,000               | S      | S                             | 6,000    | 117,0             |
| Web developers  | 77,000  | 88,000                | 17,000  | 69,000                | S      | S                       | 2,000  | 50,000                | 3,000  | 41,000                | 52,000  | 92,000                | S      | S                             | S        |                   |
| Other computer information science occupations              | 177,000 | 100,000               | 26,000  | 101,000               | S      | S                       | 18,000 | 55,000                | 9,000  | 69,000                | 117,000 | 104,000               | S      | S                             | 5,000    |                   |
| Computer engineers — software                               | 477,000 | 107,000               | 186,000 | 100,000               | S      | S                       | 12,000 | 90,000                | 38,000 | 124,000               | 236,000 | 109,000               | S      | S                             | 5,000    | 126,0             |
| Mathematical scientists                                     | 99,000  | 84,000                | 31,000  | 87,000                | S      | S                       | 2,000  | 87,000                | 6,000  | 60,000                | 56,000  | 84,000                | S      | S                             | 4,000    | 114,0             |
| Mathematicians  | 6,000   | 99,000                | S       | S                     | S      | S                       | S      | S                     | *      | *                     | 4,000   | 98,000                | S      | S                             | S        |                   |
| Operations research analysts, including modeling            | 53,000  | 80,000                | 14,000  | 88,000                | S      | S                       | S      | S                     | 3,000  | 60,000                | 32,000  | 75,000                | S      | S                             | 3,000    |                   |
| Statisticians   | 29,000  | 107,000               | 9,000   | 114,000               | S      | S                       | 1,000  | 87,000                | 1,000  | 100,000               | 17,000  | 110,000               | S      | S                             | s        |                   |
| Other mathematical scientists                               | s       | s                     | s       | S                     | S      | S                       | s      | S                     | S      | S                     | 3,000   | 67,000                | S      | S                             | s        |                   |
| Postsecondary teachers — computer and mathematical sciences | 52,000  | 67,000                | 7,000   | 99,000                | S      | S                       | S      | S                     | 4,000  | 70,000                | 40,000  | 62,000                | S      | S                             | S        |                   |
| Computer science  | 11,000  | 94,000                | 3,000   | 101,000               | S      | S                       | S      | S                     | S      | S                     | 5,000   | 93,000                | S      | S                             | S        |                   |
| Mathematics and statistics                                  | 41,000  | 61,000                | 4,000   | 70,000                | S      | S                       | 1,000  | 73,000                | 2,000  | 70,000                | 35,000  | 58,000                | S      | S                             | S        |                   |
| Biological, agricultural, and environmental life scientists | 439,000 | 62,000                | 82,000  | 50,000                | 2,000  | 39,000                  | 9,000  | 59,000                | 29,000 | 45,000                | 307,000 | 68,000                | S      | S                             | 9,000    | 57,               |

| ccupation   | Tot     | tal                   | As     | ian                   |        | n Indian or<br>a Native | В      | ack                   | His    | panic                 | Wł      | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | n one ra      |
|---|---------|-----------------------|--------|-----------------------|--------|-------------------------|--------|-----------------------|--------|-----------------------|---------|-----------------------|--------|-------------------------------|----------|---------------|
|   | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Med<br>salary |
| Agricultural and food scientists                                | 44,000  | 64,000                | 8,000  | 59,000                | S      | S                       | 2,000  | 46,000.0              | 2,000  | S                     | 31,000  | 69,000                | S      | S                             | S        |               |
| Biological and medical scientists                               | 304,000 | 58,000                | 69,000 | 50,000                | *      | *                       | 6,000  | 74,000                | 22,000 | 45,000                | 199,000 | 62,000                | S      | S                             | 8,000    | 56,           |
| Biochemists and biophysicists                                   | 66,000  | 53,000                | 25,000 | 45,000                | S      | S                       | 1,000  | S                     | 4,000  | 55,000                | 35,000  | 61,000                | S      | S                             | *        |               |
| Biological scientists (e.g., botanists, ecologists, zoologists) | 105,000 | 57,000                | 13,000 | 50,000                | S      | S                       | 2,000  | S                     | 6,000  | 40,000                | 78,000  | 59,000                | S      | S                             | S        |               |
| Medical scientists (excluding practitioners)                    | 80,000  | 64,000                | 20,000 | 57,000                | S      | S                       | 2,000  | 101,000               | 4,000  | 34,000                | 53,000  | 68,000                | S      | S                             | S        |               |
| Other biological and life scientists                            | 54,000  | 56,000                | 11,000 | 48,000                | S      | S                       | 1,000  | 59,000                | 8,000  | 50,000                | 32,000  | 62,000                | S      | S                             | 2,000    | 75            |
| Forestry and conservation scientists                            | 34,000  | 77,000                | S      | S                     | S      | S                       | S      | S                     | 2,000  | 39,000                | 30,000  | 82,000                | S      | S                             | S        |               |
| Postsecondary teachers — life and related sciences              | 56,000  | 84,000                | 5,000  | 79,000                | S      | S                       | 1,000  | S                     | 3,000  | 44,000                | 47,000  | 85,000                | S      | S                             | 1,000    |               |
| Agriculture   | 4,000   | 87,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 4,000   | 88,000                | S      | S                             | S        |               |
| Biological sciences   | 47,000  | 80,000                | 5,000  | 81,000                | S      | S                       | 1,000  | S                     | 3,000  | 44,000                | 37,000  | 84,000                | S      | S                             | 1,000    |               |
| Other natural sciences  | 6,000   | 86,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 6,000   | 86,000                | S      | S                             | S        |               |
| Physical and related scientists                                 | 273,000 | 78,000                | 51,000 | 50,000                | *      | *                       | 10,000 | 50,000                | 13,000 | 65,000                | 195,000 | 83,000                | S      | S                             | 3,000    | 90            |
| Chemists, except biochemists                                    | 91,000  | 69,000                | 21,000 | 64,000                | S      | S                       | 6,000  | 48,000                | 6,000  | 78,000                | 58,000  | 71,000                | S      | S                             | S        |               |
| Earth scientists, geologists, and oceanographers                | 59,000  | 88,000                | 5,000  | 90,000                | S      | S                       | 1,000  | S                     | 2,000  | 65,000                | 51,000  | 88,000                | S      | S                             | 1,000    | 102           |

| Occupation   | To      | tal                   | As     | sian                  |        | n Indian or<br>a Native | В      | ack                   | His    | panic                 | WI      | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | n one rac       |
|--|---------|-----------------------|--------|-----------------------|--------|-------------------------|--------|-----------------------|--------|-----------------------|---------|-----------------------|--------|-------------------------------|----------|-----------------|
|  | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Media<br>salary |
| Atmospheric and space scientists                       | 13,000  | 91,000                | S      | S                     | S      | S                       | S      | S                     | *      | *                     | 9,000   | 85,000                | S      | S                             | *        |                 |
| Geologists, including earth scientists                 | 43,000  | 84,000                | 1,000  | 58,000                | S      | S                       | S      | S                     | 2,000  | 63,000                | 39,000  | 84,000                | S      | S                             | 1,000    |                 |
| Oceanographers   | 3,000   | 77,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 2,000   | 88,000                | S      | S                             | S        |                 |
| Physicists and astronomers                             | 41,000  | 59,000                | 14,000 | 48,000                | S      | S                       | *      | *                     | 1,000  | S                     | 25,000  | 105,000               | S      | S                             | S        |                 |
| Astronomers  | 6,000   | 30,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 4,000   | S                     | S      | S                             | S        |                 |
| Physicists, except biophysicists                       | 34,000  | 70,000                | 13,000 | 48,000                | S      | S                       | *      | *                     | 1,000  | S                     | 20,000  | 115,000               | S      | S                             | S        |                 |
| Other physical and related scientists                  | 35,000  | 70,000                | S      | S                     | S      | S                       | 1,000  | 92,000                | 2,000  | 54,000                | 26,000  | 77,000                | S      | S                             | S        |                 |
| Postsecondary teachers — physical and related sciences | 47,000  | 90,000                | 6,000  | 87,000                | S      | S                       | S      | S                     | 2,000  | 57,000                | 36,000  | 93,000                | S      | S                             | S        |                 |
| Chemistry  | 21,000  | 77,000                | 3,000  | 66,000                | S      | S                       | S      | S                     | 1,000  | 57,000                | 14,000  | 82,000                | S      | S                             | S        |                 |
| Earth, environmental, and marine sciences              | 11,000  | 97,000                | *      | *                     | S      | S                       | S      | S                     | S      | S                     | 10,000  | 97,000                | S      | S                             | S        |                 |
| Physics  | 14,000  | 97,000                | 2,000  | 95,000                | S      | S                       | S      | S                     | S      | S                     | 11,000  | 101,000               | S      | S                             | S        |                 |
| Social and related scientists                          | 321,000 | 69,000                | 30,000 | 60,000                | S      | S                       | 25,000 | 53,000                | 36,000 | 66,000                | 222,000 | 72,000                | *      | *                             | 7,000    | 62              |
| Economists   | 24,000  | 125,000               | 4,000  | S                     | S      | S                       | 1,000  | 75,000                | 4,000  | 128,000               | 15,000  | 126,000               | S      | S                             | *        |                 |
| Political scientists                                   | 13,000  | 101,000               | S      | S                     | S      | S                       | S      | S                     | 1,000  | S                     | 11,000  | 102,000               | S      | S                             | S        |                 |
| Psychologists, including clinical                      | 149,000 | 64,000                | S      | S                     | S      | S                       | 14,000 | 43,000                | 24,000 | 65,000                | 98,000  | 69,000                | S      | S                             | 3,000    | 69              |

| ccupation  | Tot       | tal                   | As      | sian                  |        | n Indian or<br>a Native | В      | ack                   | His    | panic                 | WI      | nite                  | Other  | awaiian or<br>Pacific<br>Inder | More tha | an one rac        |
|--|-----------|-----------------------|---------|-----------------------|--------|-------------------------|--------|-----------------------|--------|-----------------------|---------|-----------------------|--------|--------------------------------|----------|-------------------|
|  | Number    | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)          | Number   | Media<br>salary ( |
| Sociologists and anthropologists                     | 20,000    | 39,000                | *       | *                     | S      | S                       | *      | *                     | 2,000  | 40,000                | 17,000  | 38,000                | S      | S                              | S        |                   |
| Anthropologists                                      | 9,000     | 40,000                | S       | S                     | S      | S                       | S      | S                     | *      | *                     | 8,000   | 41,000                | S      | S                              | S        |                   |
| Sociologists   | 11,000    | 31,000                | S       | S                     | S      | S                       | *      | *                     | S      | S                     | 9,000   | 29,000                | S      | S                              | S        |                   |
| Other social and related scientists                  | 49,000    | 79,000                | 8,000   | 83,000                | S      | S                       | 5,000  | 54,000                | S      | S                     | 32,000  | 79,000                | S      | S                              | S        |                   |
| Postsecondary teachers — social and related sciences | 66,000    | 71,000                | 7,000   | 70,000                | S      | S                       | 5,000  | 68,000                | 3,000  | 68,000                | 49,000  | 71,000                | S      | S                              | 1,000    | 66,               |
| Economics  | 11,000    | 82,000                | 1,000   | 59,000                | S      | S                       | S      | S                     | 1,000  | 78,000                | 9,000   | 81,000                | S      | S                              | S        |                   |
| Political science                                    | 11,000    | 72,000                | *       | *                     | S      | S                       | S      | S                     | S      | S                     | 9,000   | 76,000                | S      | S                              | S        |                   |
| Psychology   | 21,000    | 66,000                | 3,000   | 70,000                | S      | S                       | 2,000  | 67,000                | 1,000  | 70,000                | 15,000  | 60,000                | S      | S                              | S        |                   |
| Sociology  | 6,000     | 75,000                | *       | *                     | S      | S                       | *      | *                     | 1,000  | S                     | 4,000   | 78,000                | S      | S                              | S        |                   |
| Other social sciences                                | 16,000    | 70,000                | 1,000   | S                     | S      | S                       | 1,000  | S                     | *      | *                     | 12,000  | 70,000                | S      | S                              | S        |                   |
| Engineers  | 1,362,000 | 92,000                | 228,000 | 90,000                | 4,000  | 86,000                  | 56,000 | 90,000                | 98,000 | 80,000                | 951,000 | 95,000                | 4,000  | 97,000                         | 22,000   | 84,               |
| Aerospace, aeronautical, or astronautical engineers  | 81,000    | 107,000               | 10,000  | 82,000                | S      | S                       | 1,000  | 130,000               | 7,000  | 89,000                | 59,000  | 115,000               | S      | S                              | S        |                   |
| Chemical engineers                                   | 70,000    | 104,000               | 11,000  | 106,000               | S      | S                       | S      | S                     | 3,000  | 79,000                | 51,000  | 111,000               | S      | S                              | S        |                   |
| Civil, architectural, or sanitary engineers          | 205,000   | 80,000                | 29,000  | 80,000                | S      | S                       | 9,000  | 69,000                | 16,000 | 79,000                | 145,000 | 80,000                | S      | S                              | 3,000    | 79                |
| Electrical or computer hardware engineers            | 306,000   | 100,000               | 76,000  | 104,000               | S      | S                       | 14,000 | 91,000                | 21,000 | 97,000                | 188,000 | 102,000               | 1,000  | S                              | 5,000    | 83                |

| Occupation                            | То      | tal                   | As     | sian                  |        | n Indian or<br>a Native | В       | lack                  | His    | panic                 | Wł      | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | n one ra      |
|---------------------------------------|---------|-----------------------|--------|-----------------------|--------|-------------------------|---------|-----------------------|--------|-----------------------|---------|-----------------------|--------|-------------------------------|----------|---------------|
|                                       | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Med<br>salary |
| Computer engineers — hardware         | 57,000  | 99,000                | 21,000 | 109,000               | S      | S                       | 1,000.0 | 78,000.0              | 3,000  | 95,000                | 30,000  | 90,000                | S      | S                             | S        |               |
| Electrical and electronics engineers  | 249,000 | 102,000               | 54,000 | 100,000               | S      | S                       | 14,000  | 91,000                | 18,000 | 96,000                | 158,000 | 105,000               | 1,000  | S                             | 4,000    | 85,           |
| Industrial engineers                  | 62,000  | 74,000                | 10,000 | 63,000                | S      | S                       | S       | S                     | 6,000  | 55,000                | 40,000  | 75,000                | S      | S                             | *        |               |
| Mechanical engineers                  | 275,000 | 88,000                | 39,000 | 80,000                | *      | *                       | 10,000  | 98,000                | 17,000 | 77,000                | 204,000 | 90,000                | 1,000  | S                             | 4,000    | 82            |
| Other engineers                       | 335,000 | 92,000                | 45,000 | 85,000                | S      | S                       | 12,000  | 92,000                | 25,000 | 73,000                | 245,000 | 98,000                | S      | S                             | 6,000    | 102           |
| Agricultural engineers                | 6,000   | 90,000                | S      | S                     | S      | S                       | S       | S                     | S      | S                     | 6,000   | 90,000                | S      | S                             | S        |               |
| Bioengineers or biomedical engineers  | 20,000  | 85,000                | 4,000  | S                     | S      | S                       | 1,000.0 | 83,000.0              | 2,000  | S                     | 13,000  | 86,000                | S      | S                             | S        |               |
| Environmental engineers               | 57,000  | 80,000                | 6,000  | 66,000                | S      | S                       | 3,000   | 87,000                | 3,000  | 71,000                | 42,000  | 80,000                | S      | S                             | S        |               |
| Marine engineers and naval architects | 9,000   | 117,000               | *      | *                     | S      | S                       | S       | S                     | S      | S                     | 8,000   | 107,000               | S      | S                             | S        |               |
| Materials and metallurgical engineers | 26,000  | 90,000                | 3,000  | 107,000               | S      | S                       | 1,000   | 79,000                | 2,000  | 69,000.0              | 20,000  | 90,000                | S      | S                             | S        |               |
| Mining and geological engineers       | 4,000   | 98,000                | S      | S                     | S      | S                       | S       | S                     | S      | S                     | 3,000   | 90,000                | S      | S                             | S        |               |
| Nuclear engineers                     | 23,000  | 109,000               | 1,000  | S                     | S      | S                       | *       | *                     | S      | S                     | 17,000  | 136,000               | S      | S                             | S        |               |
| Petroleum engineers                   | 16,000  | 133,000               | 2,000  | 165,000               | S      | S                       | S       | S                     | 1,000  | 130,000               | 12,000  | 130,000               | S      | S                             | S        |               |
| Sales engineers                       | 57,000  | 99,000                | 4,000  | 116,000               | S      | S                       | S       | S                     | 4,000  | 84,000                | 45,000  | 98,000                | S      | S                             | S        |               |
| Other engineers                       | 117,000 | 99,000                | 24,000 | 74,000                | S      | S                       | 5,000   | 83,000                | 7,000  | 86,000                | 79,000  | 104,000               | S      | S                             | 2,000    | 93            |
| Postsecondary teachers — engineering  | 29,000  | 95,000                | 7,000  | 97,000                | S      | S                       | 1,000   | 101,000               | 1,000  | 91,000                | 19,000  | 100,000               | S      | S                             | S        |               |

| Occupation  | To        | tal                   | As      | sian                  |        | n Indian or<br>a Native | В       | ack                   | His     | panic                 | Wł        | nite                  | Other  | awaiian or<br><sup>·</sup> Pacific<br>nder | More tha | n one race         |
|---|-----------|-----------------------|---------|-----------------------|--------|-------------------------|---------|-----------------------|---------|-----------------------|-----------|-----------------------|--------|--|----------|--------------------|
|   | Number    | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number    | Median<br>salary (\$) | Number | Median<br>salary (\$)                      | Number   | Media<br>salary (s |
| S&E-related occupations   | 1,678,000 | 73,000                | 257,000 | 85,000                | 7,000  | 72,000                  | 118,000 | 60,000                | 147,000 | 55,000                | 1,111,000 | 75,000                | 3,000  | 64,000                                     | 36,000   | 50,00              |
| Health-related occupations  | 468,000   | 55,000                | 59,000  | 59,000                | 2,000  | S                       | 53,000  | 54,000                | 40,000  | 38,000                | 301,000   | 55,000                | S      | S  | 12,000   | 47,00              |
| Diagnosing or treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)                      | 51,000    | 73,000                | 11,000  | 61,000.0              | S      | S                       | S       | S                     | S       | S                     | 29,000    | S                     | S      | S  | S        |                    |
| Registered nurses, pharmacists, dieticians,<br>therapists, physician assistants, nurse<br>practitioners   | 117,000   | 63,000                | 12,000  | 74,000                | S      | S                       | 5,000   | 58,000                | 11,000  | 60,000                | 87,000    | 61,000                | s      | S  | S        |                    |
| Health technologists and technicians (e.g., dental hygienists, health record technicians, licensed practical nurses, laboratory or radiology technicians) | 142,000   | 47,000                | 15,000  | 49,000                | S      | S                       | 28,000  | 53,000                | 10,000  | 37,000                | 86,000    | 45,000                | S      | S  | S        |                    |
| Other health occupations  | 141,000   | 43,000                | 19,000  | 45,000                | S      | S                       | 17,000  | S                     | 15,000  | 31,000                | 85,000    | 48,000                | S      | S  | S        |                    |
| Postsecondary teachers — health and related sciences  | 18,000    | 91,000                | 2,000   | 93,000                | S      | S                       | *       | *                     | S       | S                     | 14,000    | 90,000                | S      | S  | S        |                    |
| S&E managers  | 469,000   | 124,000               | 72,000  | 128,000               | 4,000  | S                       | 22,000  | 103,000               | 34,000  | 101,000               | 331,000   | 125,000               | S      | S  | 6,000    | 120,0              |
| Computer and information systems managers   | 144,000   | 130,000               | 32,000  | 123,000               | S      | S                       | 13,000  | 94,000                | 7,000   | 92,000                | 90,000    | 137,000               | S      | S  | S        |                    |
| Engineering managers  | 241,000   | 126,000               | 31,000  | 135,000               | 4,000  | S                       | 4,000   | 110,000               | 20,000  | 116,000               | 177,000   | 125,000               | S      | S  | 3,000    | 119,0              |

| Occupation  | То      | tal                   | As      | sian                  |        | n Indian or<br>a Native | В      | lack                  | His     | panic                 | Wi      | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | n one rac         |
|---|---------|-----------------------|---------|-----------------------|--------|-------------------------|--------|-----------------------|---------|-----------------------|---------|-----------------------|--------|-------------------------------|----------|-------------------|
|   | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Media<br>salary ( |
| Medical and health services managers                              | 47,000  | 85,000                | 5,000   | 88,000                | S      | S                       | s      | S                     | 5,000.0 | 62,000.0              | 34,000  | 80,000                | S      | S                             | S        |                   |
| Natural sciences managers   | 37,000  | 100,000               | 3,000   | 132,000               | S      | S                       | S      | S                     | 2,000   | 88,000                | 29,000  | 99,000                | S      | S                             | S        |                   |
| S&E precollege teachers   | 239,000 | 50,000                | 17,000  | 47,000                | S      | S                       | 15,000 | 42,000                | 27,000  | 50,000                | 174,000 | 50,000                | *      | *                             | 5,000    | 40,0              |
| Secondary — computer, mathematics, or sciences                    | 200,000 | 50,000                | 16,000  | 47,000                | *      | *                       | 12,000 | 41,000                | 21,000  | 51,000                | 146,000 | 50,000                | *      | *                             | 4,000    | 35,0              |
| Secondary — social sciences                                       | 39,000  | 54,000                | *       | *                     | S      | S                       | S      | S                     | S       | S                     | 28,000  | 56,000                | S      | S                             | S        |                   |
| S&E technicians and technologists                                 | 471,000 | 75,000                | 103,000 | 85,000                | S      | S                       | 28,000 | 68,000                | 45,000  | 55,000                | 281,000 | 78,000                | S      | S                             | 13,000   |                   |
| Technologists and technicians in the biological and life sciences | 75,000  | 53,000                | 14,000  | 52,000                | S      | S                       | S      | S                     | 10,000  | 39,000                | 44,000  | 56,000                | S      | S                             | 1,000    | 36,               |
| Computer programmers (business, scientific, process control)      | 119,000 | 90,000                | 28,000  | 93,000                | S      | S                       | S      | S                     | 5,000   | 67,000                | 77,000  | 91,000                | S      | S                             | S        |                   |
| Electrical, electronic, industrial, and mechanical technicians    | 119,000 | 77,000                | 30,000  | 86,000                | S      | S                       | 8,000  | 75,000                | 14,000  | 59,000                | 61,000  | 81,000                | S      | S                             | 6,000    | 70,00             |
| Drafting occupations, including computer drafting                 | 7,000   | 60,000                | 3,000   | 74,000                | S      | S                       | S      | S                     | S       | S                     | 3,000   | 64,000                | S      | S                             | S        |                   |
| Surveying and mapping technicians                                 | 10,000  | 55,000                | S       | S                     | S      | S                       | S      | S                     | S       | S                     | 6,000   | 56,000                | S      | S                             | S        |                   |
| Other engineering technologists and technicians                   | 107,000 | 74,000                | 23,000  | 67,000                | S      | S                       | 5,000  | 62,000                | 11,000  | 55,000                | 62,000  | 86,000                | S      | S                             | S        |                   |

| Occupation  | To        | tal                   | As      | iian                  |        | n Indian or<br>a Native | В       | ack                   | His     | panic                 | Wi        | nite                  | Other  | awaiian or<br>Pacific<br>Inder | More tha | an one rac        |
|---|-----------|-----------------------|---------|-----------------------|--------|-------------------------|---------|-----------------------|---------|-----------------------|-----------|-----------------------|--------|--------------------------------|----------|-------------------|
|   | Number    | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number    | Median<br>salary (\$) | Number | Median<br>salary (\$)          | Number   | Media<br>salary ( |
| Surveyors, cartographers, photogrammetrists   | 8,000     | 57,000                | S       | S                     | S      | S                       | S       | S                     | S       | S                     | 5,000     | 48,000                | S      | S                              | S        |                   |
| Technologists and technicians in the mathematical sciences  | 2,000.0   | 135,000               | *       | *                     | S      | S                       | S       | S                     | S       | S                     | S         | S                     | S      | S                              | S        |                   |
| Technologists and technicians in the physical sciences  | 25,000    | 58,000                | 3,000   | S                     | S      | S                       | S       | S                     | S       | S                     | 21,000    | 58,000                | S      | S                              | S        |                   |
| Other S&E-related occupations   | 31,000    | 97,000                | 6,000   | 114,000               | S      | S                       | S       | S                     | S       | S                     | 24,000    | 92,000                | S      | S                              | S        |                   |
| Architects  | 16,000    | 119,000               | 5,000   | 117,000               | S      | S                       | S       | S                     | S       | S                     | 10,000    | 106,000               | S      | S                              | S        |                   |
| Actuaries   | 15,000    | 85,000                | S       | S                     | S      | S                       | S       | S                     | S       | S                     | 14,000    | 86,000                | S      | S                              | S        |                   |
| Non-S&E occupations   | 5,494,000 | 60,000                | 495,000 | 60,000                | 20,000 | 52,000                  | 429,000 | 45,000                | 555,000 | 50,000                | 3,858,000 | 65,000                | 27,000 | 74,000                         | 110,000  | 50,0              |
| Non-S&E managers  | 1,046,000 | 119,000               | 102,000 | 117,000               | 3,000  | 105,000                 | 25,000  | 100,000               | 67,000  | 84,000                | 836,000   | 120,000               | S      | S                              | 12,000   | 98,0              |
| Top-level managers, executives, administrators (e.g., chief executive officer, chief operating officer, chief financial officer; president; district manager, general manager, provost) | 638,000   | 129,000               | 56,000  | 148,000               | s      | S                       | 9,000   | 150,000               | 36,000  | 84,000                | 526,000   | 134,000               | S      | s                              | 7,000    | 93,0              |
| Education administrators (e.g., registrar, dean, principal)   | 40,000    | 75,000                | S       | S                     | S      | S                       | 2,000   | S                     | 2,000   | 76,000                | 31,000    | 71,000                | S      | S                              | S        |                   |
| Other mid-level managers  | 368,000   | 100,000               | 40,000  | 101,000               | S      | S                       | 15,000  | 79,000                | 29,000  | 81,000                | 278,000   | 107,000               | *      | *                              | 4,000    | 97,0              |

| Occupation   | To        | tal                   | As      | sian                  |        | n Indian or<br>a Native | В      | ack                   | His     | panic                 | Wł      | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | in one rac        |
|--|-----------|-----------------------|---------|-----------------------|--------|-------------------------|--------|-----------------------|---------|-----------------------|---------|-----------------------|--------|-------------------------------|----------|-------------------|
|  | Number    | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Media<br>salary ( |
| Management-related occupations                         | 1,232,000 | 74,000                | 143,000 | 67,000                | S      | S                       | 98,000 | 50,000                | 119,000 | 60,000                | 846,000 | 77,000                | 8,000  | 99,000                        | 18,000   | 67,0              |
| Accountants, auditors, and other financial specialists | 432,000   | 72,000                | 72,000  | 59,000                | S      | S                       | 27,000 | 46,000                | 44,000  | 76,000                | 284,000 | 79,000                | S      | S                             | 5,000    | 63,0              |
| Personnel, training, and labor relations specialists   | 182,000   | 56,000                | 7,000   | 60,000                | S      | S                       | 22,000 | 47,000                | 17,000  | 55,000                | 133,000 | 58,000                | S      | S                             | 3,000    | 44,0              |
| Other management-related occupations                   | 618,000   | 75,000                | 64,000  | 79,000                | *      | *                       | 48,000 | 58,000                | 58,000  | 55,000                | 430,000 | 81,000                | 7,000  | S                             | 10,000   | 76,               |
| Non-S&E precollege teachers                            | 252,000   | 42,000                | 8,000   | 25,000                | S      | S                       | 32,000 | 38,000                | 38,000  | 48,000                | 163,000 | 42,000                | S      | S                             | 2,000    | 27,00             |
| Prekindergarten and kindergarten                       | 39,000    | 23,000                | S       | S                     | S      | S                       | S      | S                     | 10,000  | S                     | 18,000  | 23,000                | S      | S                             | S        |                   |
| Elementary   | 132,000   | 44,000                | S       | S                     | S      | S                       | 15,000 | 84,000                | 19,000  | 60,000                | 93,000  | 42,000                | S      | S                             | S        |                   |
| Secondary — other subjects                             | 45,000    | 46,000                | 1,000   | 51,000                | S      | S                       | S      | S                     | 5,000   | 46,000                | 27,000  | 43,000                | S      | S                             | S        |                   |
| Special education — primary and secondary              | 28,000    | 45,000                | S       | S                     | S      | S                       | 2,000  | 36,000                | 4,000   | 49,000                | 20,000  | 44,000                | S      | S                             | S        |                   |
| Other precollegiate area                               | 8,000     | 50,000                | S       | S                     | S      | S                       | 2,000  | S                     | S       | S                     | 5,000   | 54,000                | S      | S                             | S        |                   |
| Non-S&E postsecondary teachers                         | 51,000    | 74,000                | 6,000   | 89,000                | S      | S                       | 6,000  | 52,000                | 2,000   | S                     | 32,000  | 76,000                | S      | S                             | S        |                   |
| Art, drama, and music                                  | S         | S                     | S       | S                     | S      | S                       | S      | S                     | S       | S                     | S       | S                     | S      | S                             | S        |                   |
| Business, commerce, and marketing                      | 9,000     | 139,000               | S       | S                     | S      | S                       | S      | S                     | S       | S                     | 7,000   | 144,000               | S      | S                             | S        |                   |
| Education  | 7,000     | 74,000                | 2,000   | S                     | S      | S                       | S      | S                     | S       | S                     | 3,000   | 73,000                | S      | S                             | S        |                   |
| English  | 9,000     | 65,000                | S       | S                     | s      | S                       | S      | S                     | S       | S                     | 7,000   | 65,000                | S      | S                             | S        | _                 |

| Occupation  | То      | tal                   | As     | sian                  |        | n Indian or<br>a Native | В      | lack                  | His    | panic                 | Wi      | nite                  | Othe   | awaiian or<br>Pacific<br>Inder | More tha | in one rac        |
|---|---------|-----------------------|--------|-----------------------|--------|-------------------------|--------|-----------------------|--------|-----------------------|---------|-----------------------|--------|--------------------------------|----------|-------------------|
|   | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)          | Number   | Media<br>salary ( |
| Foreign language  | 9,000   | 69,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 1,000   | S                     | S      | S                              | S        |                   |
| History   | 3,000   | 44,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 3,000   | 44,000                | S      | S                              | S        |                   |
| Physical education  | S       | S                     | S      | S                     | S      | S                       | S      | S                     | S      | S                     | S       | S                     | S      | S                              | S        |                   |
| Other postsecondary fields  | 14,000  | 70,000                | S      | S                     | S      | S                       | S      | S                     | *      | *                     | 10,000  | 80,000                | S      | S                              | S        |                   |
| Social services and related occupations   | 328,000 | 42,000                | 9,000  | 51,000                | S      | S                       | 49,000 | 41,000                | 54,000 | 39,000                | 207,000 | 44,000                | S      | S                              | 5,000    | 41,0              |
| Clergy and other religious workers  | 22,000  | 55,000                | S      | S                     | S      | S                       | S      | S                     | S      | S                     | 17,000  | 57,000                | S      | S                              | S        |                   |
| Counselors (e.g., educational, vocational, mental health, substance abuse)                          | 159,000 | 46,000                | 3,000  | 46,000                | S      | S                       | 27,000 | 52,000                | 17,000 | 47,000                | 105,000 | 45,000                | S      | S                              | 3,000    | 43,0              |
| Social workers  | 148,000 | 39,000                | 4,000  | 52,000                | S      | S                       | 20,000 | 40,000                | 37,000 | 36,000                | 85,000  | 39,000                | S      | S                              | 1,000.0  | 32,0              |
| Sales and marketing occupations   | 848,000 | 60,000                | 72,000 | 61,000                | S      | S                       | 49,000 | 51,000                | 84,000 | 45,000                | 610,000 | 68,000                | S      | S                              | 23,000   | 71,               |
| Insurance, securities, real estate, and business services   | 233,000 | 70,000                | 17,000 | 71,000                | S      | S                       | 15,000 | 68,000                | 31,000 | 18,000                | 167,000 | 78,000                | S      | S                              | 2,000    | 119,0             |
| Sales, commodities except retail (e.g., industrial, medical, dental machinery, equipment, supplies) | 145,000 | 83,000                | 7,000  | 93,000                | S      | S                       | 5,000  | 50,000                | 16,000 | 67,000                | 116,000 | 85,000                | S      | S                              | 2,000    |                   |
| Sales, retail (e.g., furnishings, clothing, motor vehicles, cosmetics)                              | 174,000 | 38,000                | 18,000 | S                     | S      | S                       | 8,000  | 44,000                | 20,000 | S                     | 114,000 | 34,000                | S      | S                              | 13,000   | 66,               |
| Other marketing and sales occupations   | 296,000 | 65,000                | 30,000 | 59,000                | S      | S                       | 21,000 | 51,000                | 18,000 | 50,000                | 213,000 | 70,000                | S      | S                              | 6,000    | 69,               |

| Occupation  | Tot       | tal                   | As      | ian                   |        | n Indian or<br>a Native | В       | ack                   | His     | panic                 | WI        | nite                  | Other  | awaiian or<br>Pacific<br>nder | More tha | an one race         |
|---|-----------|-----------------------|---------|-----------------------|--------|-------------------------|---------|-----------------------|---------|-----------------------|-----------|-----------------------|--------|-------------------------------|----------|---------------------|
|   | Number    | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$)   | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number    | Median<br>salary (\$) | Number | Median<br>salary (\$)         | Number   | Media<br>salary (\$ |
| Arts, humanities, and related occupations   | 150,000   | 60,000                | 9,000   | 70,000                | S      | S                       | S       | S                     | 4,000   | S                     | 128,000   | 58,000                | S      | S                             | 1,000    |                     |
| Writers, editors, public relations specialists, artists, entertainers, broadcasters | 149,000   | 60,000                | 9,000   | 70,000                | S      | S                       | S       | S                     | 4,000   | 63,000                | 127,000   | 58,000                | S      | S                             | 1,000    |                     |
| Historians  | S         | S                     | S       | S                     | S      | S                       | S       | S                     | S       | S                     | S         | S                     | S      | S                             | S        |                     |
| Other non-S&E occupations   | 1,586,000 | 42,000                | 146,000 | 41,000                | 2,000  | 39,000                  | 163,000 | 36,000                | 187,000 | 39,000                | 1,037,000 | 45,000                | 3,000  | 32,000                        | 50,000   | 39,0                |
| Accounting clerks and bookkeepers   | 101,000   | 42,000                | 12,000  | 47,000                | s      | S                       | s       | S                     | 3,000   | 40,000                | 66,000    | 42,000                | S      | S                             | *        |                     |
| Secretaries, receptionists, typists   | 123,000   | 37,000                | 12,000  | 37,000                | S      | S                       | 11,000  | 32,000                | 17,000  | 28,000                | 77,000    | 40,000                | S      | S                             | S        |                     |
| Other administrative (e.g., record clerks, telephone operators)                     | 342,000   | 39,000                | 37,000  | 38,000                | S      | S                       | 53,000  | 36,000                | 50,000  | 39,000                | 188,000   | 41,000                | S      | S                             | 12,000   | 41,0                |
| Farmers, foresters, and fishermen   | 69,000    | 40,000                | 2,000   | S                     | s      | S                       | S       | S                     | S       | S                     | 61,000    | 42,000                | S      | S                             | *        |                     |
| Lawyers, judges   | 34,000    | 96,000                | 3,000   | 122,000               | s      | S                       | S       | S                     | S       | S                     | 26,000    | S                     | S      | S                             | S        |                     |
| Librarians, archivists, curators  | 37,000    | 35,000                | S       | S                     | s      | S                       | S       | S                     | S       | S                     | 27,000    | 38,000                | S      | S                             | S        |                     |
| Food preparation and service (e.g., cooks, waitresses, bartenders)                  | 53,000    | 37,000                | 8,000   | 48,000                | S      | S                       | 1,000   | S                     | 6,000   | S                     | 37,000    | 37,000                | S      | S                             | S        |                     |
| Protective services (e.g., firefighters, police, guards, wardens, park rangers)     | 111,000   | 60,000                | 2,000   | 78,000                | S      | S                       | 13,000  | 50,000                | 9,000   | 54,000                | 84,000    | 62,000                | S      | S                             | S        |                     |

| Occupation   | Total   |                       | Asian  |                       | American Indian or<br>Alaska Native |                       | Black  |                       | Hispanic |                       | White   |                       | Native Hawaiian or<br>Other Pacific<br>Islander |                       | More than one race |        |
|--|---------|-----------------------|--------|-----------------------|-------------------------------------|-----------------------|--------|-----------------------|----------|-----------------------|---------|-----------------------|---|-----------------------|--------------------|--------|
|  | Number  | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number                              | Median<br>salary (\$) | Number | Median<br>salary (\$) | Number   | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number  | Median<br>salary (\$) | Number             | Median |
| Other service occupations, except health (e.g., probation officer, human services work)                  | 207,000 | 46,000                | 13,000 | 30,000                | S                                   | S                     | 23,000 | 39,000                | 26,000   | 53,000                | 130,000 | 50,000                | S   | S                     | 13,000             | 48,000 |
| Other teachers and instructors (e.g., private tutors, dance, flying, martial arts)                       | 64,000  | 42,000                | 4,000  | S                     | S                                   | S                     | 10,000 | 38,000                | 4,000    | 29,000                | 45,000  | 56,000                | S   | S                     | S                  | S      |
| Construction and extraction occupations  | 52,000  | 55,000                | S      | S                     | S                                   | S                     | S      | S                     | 3,000    | 53,000                | 46,000  | 54,000                | S   | S                     | S                  | 9      |
| Installation, maintenance, and repair occupations  | 88,000  | 48,000                | 7,000  | 58,000                | S                                   | S                     | S      | S                     | 9,000    | S                     | 69,000  | 47,000                | S   | S                     | S                  | S      |
| Precision or production occupations (metal<br>or wood workers, butchers, bakers,<br>assemblers, tailors) | 88,000  | 34,000                | 12,000 | 35,000                | S                                   | S                     | 10,000 | S                     | 7,000    | 30,000                | 55,000  | 34,000                | S   | S                     | S                  | S      |
| Transportation and material moving occupations   | 122,000 | 42,000                | 17,000 | 31,000                | S                                   | S                     | 8,000  | S                     | 10,000   | 66,000                | 86,000  | 42,000                | S   | S                     | 1,000              | 9      |
| Other occupations  | 97,000  | 57,000                | 15,000 | 81,000                | S                                   | S                     | 6,000  | S                     | 35,000   | 27,000                | 40,000  | 78,000                | S   | S                     | S                  | 9      |

<sup>\* =</sup> estimate < 500; s = suppressed for reasons of confidentiality and/or reliability.

## Note(s)

Hispanic may be any race; American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or Other Pacific Islander, white, and more than one race refer to individuals who are not of Hispanic origin. Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000.

## Source(s)



National Science Foundation, National Center for Science and Engineering Statistics, National Survey of College Graduates (NSCG) (2015), https://www.nsf.gov/statistics/srvygrads/. Science and Engineering Indicators 2018